Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L7	1493	RDF! and @ad<"""20021007"""	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/17 12:01
L8	23	7 and "directed graph"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/17 12:02
L10	30	RDF! same triple$1 and @ad<"""20021007"""	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/17 12:15
L11	4	RDF! adj2 triple$1 same "directed graph" and @ad<"""20021007"""	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/17 14:03
L12	30	RDF! same triple$4 and @ad<"""20021007"""	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/17 14:01
L13	4	RDF! same triple$4 same "directed graph" and @ad<"""20021007"""	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/17 12:16
L14	5	RDF! same triple$4 and "directed graph" and @ad<"""20021007"""	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/17 12:17
L16	2	"20020004792"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/17 14:01
L17	0	16 and RDF	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/17 14:01
L18	2	RDF! adj2 triple$1 same criteria and @ad<"""20021007"""	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/17 14:05
L19	0	RDF! adj2 triple$1 same ancestor$1 and @ad<"""20021007"""	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/17 14:10
L20	0	RDF! adj2 triple$1 same conflict$5 same criteria and @ad<"""20021007"""	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/17 14:12

L21	0	RDF! adj2 triple$1 same ancestor$1 same descendent$1 and @ad<"""20021007"""	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/17 14:12
L22	0	RDF! adj2 triple$1 and ancestor$1 and descendent$1 and @ad<"""20021007"""	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/17 14:12
L23	0	RDF! adj2 triple$1 same conflict$5 same criteria and relation$5 and @ad<"""20021007"""	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/17 14:12

Search Results Results 1 - 9 of about 14 for rdf triples ancestors descendants - 0.44 sec. (About

Changes in the **RDF** Syntax and its effects
... parser of VRP extracts the **triples** from the **RDF**/XML file and enters them into ... Distinct Recursive **Ancesto**
www.w3.org/2003/03/for-**rdf**.htm - 133k - Cached - More from this site

VRP Installation Instructions
... parser for the input **RDF** descriptions will be printed. Statements: The **triples** included in the model ... many cl
athena.ics.forth.gr:9090/**RDF**/VRP/Install.html - 17k - Cached - More from this site

Index
... number of **triples**, **RDF** class, properties, containers, statements and ... **RDF**_DAG. Computes the distinct **an descendants** ...
athena.ics.forth.gr:9090/**RDF**/VRP/javadoc/index-all.html - 272k - Cached - More from this site

The ICS-FORTH Validating **RDF** Parser (VRP)
... The ICS-FORTH Validating **RDF** Parser (VRP v3.0) is a tool ... **descendants/ancestors** distribution) of valida
139.91.183.30:9090/**RDF**/VRP - 6k - Cached - More from this site

Cover Pages: XML Articles and Papers. January - March 2001.
Last modified: June 23, 2001. News. XML Articles and Papers. January - March 2001. References to general an collections: ... Qualified Dublin Core in **RDF**." Draft Version-2001-3 ... Specification (XML namespace for **RDF**). I the content ...
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What is CML? Abstract: Chemical Markup Language is an application of XML, the eXtensible Markup Language XSL has a UNIX-like syntax for navigating to **ancestors and descendants**. ... **RDF**. This is an XML application
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http://www.ch.ic.ac.uk/rzepa/chimeral/documents/FAQ/FAQ.doc (MICROSOFT WORD)
... XSL has a UNIX-like syntax for navigating to **ancestors and descendants**. ... **RDF**. This is an XML applicatic
www.ch.ic.ac.uk/rzepa/chimeral/documents/FAQ/FAQ.doc - 161k - View as html - More from this site

http://www.cs.helsinki.fi/u/narayana/cprog03/projects.txt
Programming in C, Autumn 2003 Project Subjects Choose one of the subjects below and implement it in the C la repository"-idea: a structure for a graph of subject-predicate-object -**triples**, a way ... the **descendants** from a ce
www.cs.helsinki.fi/u/narayana/cprog03/projects.txt - 6k - Cached - More from this site

In order to show you the most relevant results, we have omitted some entries very similar to the ones already dis If you like, you can repeat the search with the omitted results included.

Search Results Results 1 - 2 of about 2 for rdf triples ancestors descendents - 0.58 sec. (About t

Did you mean: ***RDF triples and ancestors and descendants***?

Bill de hÓra: April 2004 Archives
... to be **descendents** of later ... trace one's **ancestors** to until ... **RDF**/XML, and there is minimal (if any) infrastr
www.dehora.net/journal/2004/04 - 270k - Cached - More from this site

Re: ANNOUNCE: Semantic Web Illustration Series from David Booth on 2003-02-21 (www-rc
... between XML **and RDF**: 1. **RDF** makes relationships ... **ancestors/descendents** in subtree hierarchy orderin
lists.w3.org/Archives/Public/www-rdf-interest/2003Feb/0106.html - 10k - Cached - More from this site

Did you mean: ***RDF triples and ancestors and descendants***?

Terms used **RDF triples** and **directed graph** Found **35,690** of **150,138**

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1 Semantic interfaces and OWL tools: Parsing owl dl: trees or triples?

Sean K. Bechhofer, Jeremy J. Carroll

May 2004 **Proceedings of the 13th international conference on World Wide Web**

Full text available: pdf(156.25 KB) Additional Information: full citation, abstract, references, index terms

The Web Ontology Language (OWL) defines three classes of documents: Lite, DL, and Full. All RDF/XML documents are OWL Full documents, some OWL Full documents are also OWL DL documents, and some OWL DL documents are also OWL Lite documents. This paper discusses *parsing* and *species recognition* -- that is the process of determining whether a given document falls into the OWL Lite, DL or Full class. Wedescribe two alternative approaches to this task, one based on abstract syntax trees, ...

Keywords: owl, parsing, rdf, semantic web

2 Posters: RDF triples in XML

Jeremy J. Carroll, Patrick Stickler

May 2004 **Proceedings of the 13th international World Wide Web conference on Alternate track papers & posters**

Full text available: pdf(25.10 KB) Additional Information: full citation, abstract, references, index terms

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Keywords: RDF, XML, semantic web

3 Industry track: RStar: an RDF storage and query system for enterprise resource management

Li Ma, Zhong Su, Yue Pan, Li Zhang, Tao Liu

November 2004 **Proceedings of the Thirteenth ACM conference on Information and knowledge management**

Full text available: pdf(704.00 KB) Additional Information: full citation, abstract, references, index terms

Modern corporations operate in an extremely complex environment and strongly depend on

all kinds of information resources across the enterprise. Unfortunately, with the growth of an enterprise, its information resources are not only heterogeneous but also distributed in physically different systems and databases. How to effectively exploit information across the enterprise is becoming a critical but hard problem. In recent years, metadata which is the detailed description of the data is used ...

Keywords: RDF query language, RDF storage, metadata, ontology, resource management

4 Semantic web foundations: A possible simplification of the semantic web architecture

Bernardo Cuenca Grau

May 2004 **Proceedings of the 13th international conference on World Wide Web**

Full text available: pdf(132.93 KB) Additional Information: full citation, abstract, references, index terms

In the semantic Web architecture, Web ontology languages arebuilt on top of RDF(S). However, serious difficulties have arisen when trying to layer expressive ontology languages, like OWL, on top of RDF-Schema. Although these problems can be avoided, OWL (andthe whole semantic Web architecture) becomes much more complex than it should be. In this paper, a possible simplification of thesemantic Web architecture is suggested, which has several import antadvantages with respect to the layering curre ...

Keywords: description logics, ontology web language (OWL), resource description framework (RDF), resource description framework schema (RDF-schema), semantic web

5 Languages & Authoring for the Semnatic Web: Unparsing RDF/XML

Jeremy J. Carroll

May 2002 **Proceedings of the eleventh international conference on World Wide Web**

Full text available: pdf(296.07 KB) Additional Information: full citation, abstract, references, index terms

It is difficult to serialize an RDF graph as a humanly readable RDF/XML document. This paper describes the approach taken in Jena 1.2, in which a design pattern of guarded procedures invoked using top down recursive descent is used. Each procedure corresponds to a grammar rule; the guard makes the choice about the applicability of the production. This approach is seen to correspond closely to the design of an LL(k) parser, and a theoretical justification of this correspondence is found in univer ...

Keywords: RDF, XML, generation, grammar, parsing, universal algebra, unparsing

6 Industrial practice I: Jena: implementing the semantic web recommendations

Jeremy J. Carroll, Ian Dickinson, Chris Dollin, Dave Reynolds, Andy Seaborne, Kevin Wilkinson

May 2004 **Proceedings of the 13th international World Wide Web conference on Alternate track papers & posters**

Full text available: pdf(139.66 KB) Additional Information: full citation, abstract, references, index terms

The new Semantic Web recommendations for RDF, RDFS and OWL have, at their heart, the RDF graph. Jena2, a second-generation RDF toolkit, is similarly centered on the RDF graph. RDFS and OWL reasoning are seen as graph-to-graph transforms, producing graphs of virtual triples. Rich APIs are provided. The Model API includes support for other aspects of the RDF recommendations, such as containers and reification. The Ontology API includes support for RDFS and OWL, including advanced OWL Full support. ...

Keywords: Jena, OWL, RDF, RDQL, semantic web

7 Using the semantic web: P-Queries: enabling querying for semantic associations on the semantic web

Kemafor Anyanwu, Amit Sheth

May 2003 **Proceedings of the twelfth international conference on World Wide Web**

Full text available: pdf(409.03 KB) Additional Information: full citation, abstract, references, index terms

This paper presents the notion of Semantic Associations as complex relationships between resource entities. These relationships capture both a connectivity of entities as well as similarity of entities based on a specific notion of similarity called r-isomorphism. It formalizes these notions for the RDF data model, by introducing a notion of a Property Sequence as a type. In the context of a graph model such as that for RDF, Semantic Associations amount to specific certain graph signatures. Spec ...

Keywords: RDF, complex data relationships, graph traversals, semantic associations, semantic web querying

8 Knowledge and education: Visualizing multiple network perspectives

Misja N. Hoebe, Rien Bosma

June 2004 **Proceedings of the conference on Dutch directions in HCI**

Full text available: pdf(103.99 KB) Additional Information: full citation, abstract, references

In this paper, we describe a tool for displaying multiple network perspectives, where each perspective is a relation in which resources on the network are linked to others via a shared property. Every change or addition of perspective can be seen as a context switch, providing the actor with various navigation paths through a complex, multidimensional information space. This tool will attempt to capture and visualize the increasing amount of information coming available through the tools and sta ...

Keywords: constructivism, semantic web, social networks, visualization

9 Mobile computing and applications (MCA): Wireless spatio-semantic transactions on multimedia datasets

James D. Carswell, Keith Gardiner, Marco Neumann

March 2004 **Proceedings of the 2004 ACM symposium on Applied computing**

Full text available: pdf(192.64 KB) Additional Information: full citation, abstract, references, index terms

Advances in spatially enabled semantic computing can provide situation aware assistance for mobile users. This intelligent and context-aware technology presents the right information at the right time, place and situation by exploiting semantically referenced data for knowledge discovery. The system takes advantage of new metadata standards to enable semantic, user, and device adapted transactions on multimedia datasets. Information accessed in the past and the activities planned by the user, th ...

Keywords: location based services, semantic queries, spatial data transactions

10 Query Language for Semantic Web: RQL: a declarative query language for RDF

Gregory Karvounarakis, Sofia Alexaki, Vassilis Christophides, Dimitris Plexousakis, Michel Scholl

May 2002 **Proceedings of the eleventh international conference on World Wide Web**

Full text available: pdf(352.14 KB) Additional Information: full citation, abstract, references, citings, index terms

Real-scale Semantic Web applications, such as Knowledge Portals and E-Marketplaces,

require the management of large volumes of metadata, i.e., information describing the available Web content and services. Better knowledge about their meaning, usage, accessibility or quality will considerably facilitate an automated processing of Web resources. The Resource Description Framework (RDF) enables the creation and exchange of metadata as normal Web data. Although voluminous RDF descriptions are alrea ...

11 Towards a richer Web object model

Frank Manola

March 1998 **ACM SIGMOD Record**, Volume 27 Issue 1

Full text available: pdf(41.54 KB) Additional Information: full citation, abstract, citings, index terms

The World Wide Web is becoming an increasingly important factor in planning for enterprise distributed computing environments, both to support external access to enterprise systems and information (e.g., by customers, suppliers, and partners), and to support internal enterprise operations. Organizations perceive a number of advantages in using the Web in enterprise computing, a particular advantage being that it provides an information representation which• supports interlinking of all ...

12 Special section on semantic web and data management: The ρ operator: discovering and ranking associations on the semantic web

Kemafor Anyanwu, Amit Sheth

December 2002 **ACM SIGMOD Record**, Volume 31 Issue 4

Full text available: pdf(635.07 KB) Additional Information: full citation, abstract, references, citings

In this paper, we introduce an approach that supports querying for Semantic Associations on the Semantic Web. Semantic Associations capture complex relationships between entities involving sequences of predicates, and sets of predicate sequences that interact in complex ways. Detecting such associations is at the heart of many research and analytical activities that are crucial to applications in national security and business intelligence. This in combination with the improving ability to ident ...

Keywords: RDF, complex relationship discover, graph data model, semantic associations, semantic querying, semantic relationships, semantic web

13 Query Language for Semantic Web: EDUTELLA: a P2P networking infrastructure based on RDF

Wolfgang Nejdl, Boris Wolf, Changtao Qu, Stefan Decker, Michael Sintek, Ambjörn Naeve, Mikael Nilsson, Matthias Palmér, Tore Risch

May 2002 **Proceedings of the eleventh international conference on World Wide Web**

Full text available: pdf(331.38 KB) Additional Information: full citation, abstract, references, citings, index terms

Metadata for the World Wide Web is important, but metadata for Peer-to-Peer (P2P) networks is absolutely crucial. In this paper we discuss the open source project Edutella which builds upon metadata standards defined for the WWW and aims to provide an RDF-based metadata infrastructure for P2P applications, building on the recently announced JXTA Framework. We describe the goals and main services this infrastructure will provide and the architecture to connect Edutella Peers based on exchange of ...

Keywords: e-Learning, peer-to-peer, query languages, semantic web

14 Conitributed articles: Resource description framework: metadata and its applications

K. Selçuk Candan, Huan Liu, Reshma Suvarna

July 2001 **ACM SIGKDD Explorations Newsletter**, Volume 3 Issue 1

Full text available: pdf(1.02 MB) Additional Information: full citation, abstract, references, citings

Universality, the property of the Web that makes it the largest data and information source in the world, is also the property behind the lack of a uniform organization scheme that would allow easy access to data and information. A semantic web, wherein different applications and Web sites can exchange information and hence exploit Web data and information to their full potential, requires the information about Web resources to be represented in a detailed and structured manner. Resource Descrip ...

Keywords: Resource Description Framework (RDF), Web, XML, metadata, semantic web

15 Session 5C: conversational agents: RCal: a case study on semantic web agents

Terry R. Payne, Rahul Singh, Katia Sycara

July 2002 **Proceedings of the first international joint conference on Autonomous agents and multiagent systems: part 2**

Full text available: pdf(87.95 KB) Additional Information: full citation, abstract, references, index terms

The Semantic Web promises to change the way agents navigate, harvest and utilize information on the internet. By providing a structured, distributed representation for expressing concepts and relationships defined by multiple ontologies, it is now possible for agents to *read* and *reason* about published knowledge, without the need for scrapers, information agents, and centralized ontologies. We present the *RETSINA Calendar Agent*, a distributed meeting scheduler, that reads sch ...

16 Streams, structures, spaces, scenarios, societies (5s): A formal model for digital libraries

Marcos André Gonçalves, Edward A. Fox, Layne T. Watson, Neill A. Kipp

April 2004 **ACM Transactions on Information Systems (TOIS)**, Volume 22 Issue 2

Full text available: pdf(316.85 KB) Additional Information: full citation, abstract, references, citings, index terms

Digital libraries (DLs) are complex information systems and therefore demand formal foundations lest development efforts diverge and interoperability suffers. In this article, we propose the fundamental abstractions of Streams, Structures, Spaces, Scenarios, and Societies (5S), which allow us to define digital libraries rigorously and usefully. Streams are sequences of arbitrary items used to describe both static and dynamic (e.g., video) content. Structures can be viewed as labeled directed gra ...

Keywords: applications., definitions, foundations, taxonomy

17 The blogosphere: Semantic blogging and decentralized knowledge management

Steve Cayzer

December 2004 **Communications of the ACM**, Volume 47 Issue 12

Full text available: pdf(148.33 KB) html(28.08 KB) Additional Information: full citation, abstract, references, index terms

Tapping into the structured metadata in snippets of information gives communities of interest effective access to their collective knowledge.

18 Using the semantic web: Semantic search

R. Guha, Rob McCool, Eric Miller

May 2003 **Proceedings of the twelfth international conference on World Wide Web**

Full text available: pdf(352.11 KB) Additional Information: full citation, abstract, references, citings, index terms

Activities such as Web Services and the Semantic Web are working to create a web of distributed machine understandable data. In this paper we present an application called 'Semantic Search' which is built on these supporting technologies and is designed to improve traditional web searching. We provide an overview of TAP, the application framework upon which the Semantic Search is built. We describe two implemented Semantic Search systems which, based on the denotation of the search query, augmen ...

Keywords: search, semantic web

19 Special topic section on peer to peer data management: Design issues and challenges for RDF- and schema-based peer-to-peer systems

Wolfgang Nejdl, Wolf Siberski, Michael Sintek

September 2003 **ACM SIGMOD Record**, Volume 32 Issue 3

Full text available: pdf(135.94 KB) Additional Information: full citation, abstract, references

Databases have employed a schema-based approach to store and retrieve structured data for decades. For peer-to-peer (P2P) networks, similar approaches are just beginning to emerge. While quite a few database techniques can be re-used in this new context, a P2P data management infrastructure poses additional challenges which have to be solved before schema-based P2P networks become as common as schema-based databases. We will describe some of these challenges and discuss approaches to solve them. ...

20 Languages & Authoring for the Semnatic Web: The Yin/Yang web: XML syntax and RDF semantics

Peter Patel-Schneider, Jérôme Siméon

May 2002 **Proceedings of the eleventh international conference on World Wide Web**

Full text available: pdf(162.67 KB) Additional Information: full citation, abstract, references, citings, index terms

XML is the W3C standard document format for *writing* and *exchanging* information on the Web. RDF is the W3C standard model for *describing the semantics* and *reasoning about* information on the Web. Unfortunately, RDF and XML---although very close to each other---are based on two different paradigms. We argue that in order to lead the Semantic Web to its full potential, the syntax and the semantics of information needs to work together. To this end, we develop a model-theo ...

Keywords: RDF, XML, data models, model theory, semantic web

Terms used **RDF** and **dircted graph** Found **1,422** of **150,138**

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Jeremy J. Carroll

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Full text available: pdf(296.07 KB) Additional Information: full citation, abstract, references, index terms

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3 Industry track: RStar: an RDF storage and query system for enterprise resource management

Li Ma, Zhong Su, Yue Pan, Li Zhang, Tao Liu

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Full text available: pdf(704.00 KB) Additional Information: full citation, abstract, references, index terms

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Wolfgang Nejdl, Boris Wolf, Changtao Qu, Stefan Decker, Michael Sintek, Ambjörn Naeve, Mikael Nilsson, Matthias Palmér, Tore Risch

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6 Languages & Authoring for the Semnatic Web: The Yin/Yang web: XML syntax and RDF semantics

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Keywords: RDF, XML, data models, model theory, semantic web

7 Distributed semantic query: Index structures and algorithms for querying distributed RDF repositories

Heiner Stuckenschmidt, Richard Vdovjak, Geert-Jan Houben, Jeen Broekstra
May 2004 **Proceedings of the 13th international conference on World Wide Web**

Full text available: pdf(314.56 KB) Additional Information: full citation, abstract, references, index terms

A technical infrastructure for storing, querying and managing RDFdata is a key element in the current semantic web development. Systems like Jena, Sesame or the ICS-FORTH RDF Suite are widelyused for building semantic web applications. Currently, none ofthese systems supports the integrated querying of distributed RDF repositories. We consider this a major shortcoming since the semanticweb is distributed by nature. In this paper we present an architecture for querying distributed RDF repositorie ...

Keywords: RDF querying, index structures, optimization

8 The design and implementation of the redland RDF application framework

David Beckett
April 2001 **Proceedings of the tenth international conference on World Wide Web**

Full text available: pdf(171.61 KB) Additional Information: full citation, references, citings, index terms

Keywords: RDF, application framework, metadata

9 Efficiently computing static single assignment form and the control dependence graph

Ron Cytron, Jeanne Ferrante, Barry K. Rosen, Mark N. Wegman, F. Kenneth Zadeck
October 1991 **ACM Transactions on Programming Languages and Systems (TOPLAS)**, Volume 13 Issue 4

Full text available: pdf(2.49 MB) Additional Information: full citation, references, citings, index terms, review

Keywords: control dependence, control flow graph, def-use chain, dominator, optimizing compilers

10 Industrial practice I: Jena: implementing the semantic web recommendations

Jeremy J. Carroll, Ian Dickinson, Chris Dollin, Dave Reynolds, Andy Seaborne, Kevin Wilkinson
May 2004 **Proceedings of the 13th international World Wide Web conference on Alternate track papers & posters**

Full text available: pdf(139.86 KB) Additional Information: full citation, abstract, references, index terms

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Keywords: Jena, OWL, RDF, RDQL, semantic web

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Keywords: owl, parsing, rdf, semantic web

12 ViSWeb—the Visual Semantic Web: unifying human and machine knowledge representations with Object-Process Methodology
Dov Dori
May 2004 **The VLDB Journal — The International Journal on Very Large Data Bases**, Volume 13 Issue 2

Full text available: pdf(1.22 MB) Additional Information: full citation, abstract, index terms

The Visual Semantic Web (ViSWeb) is a new paradigm for enhancing the current Semantic Web technology. Based on Object-Process Methodology (OPM), which enables modeling of systems in a single graphic and textual model, ViSWeb provides for representation of knowledge over the Web in a unified way that caters to human perceptions while also being machine processable. The advantages of the ViSWeb approach include equivalent graphic-text knowledge representation, visual navigability, semantic sentenc ...

Keywords: Conceptual graphs, Knowledge representation, Object-Process Methodology, Semantic Web, Visual Semantic Web

13 Using the semantic web: P-Queries: enabling querying for semantic associations on the semantic web
Kemafor Anyanwu, Amit Sheth
May 2003 **Proceedings of the twelfth international conference on World Wide Web**

Full text available: pdf(409.03 KB) Additional Information: full citation, abstract, references, index terms

This paper presents the notion of Semantic Associations as complex relationships between resource entities. These relationships capture both a connectivity of entities as well as similarity of entities based on a specific notion of similarity called r-isomorphism. It formalizes these notions for the RDF data model, by introducing a notion of a Property Sequence as a type. In the context of a graph model such as that for RDF, Semantic Associations amount to specific certain graph signatures. Spec ...

Keywords: RDF, complex data relationships, graph traversals, semantic associations, semantic web querying

14 Enabling knowledge representation on the Web by extending RDF schema
Jeen Broekstra, Michel Klein, Stefan Decker, Dieter Fensel, Frank van Harmelen, Ian Horrocks
April 2001 **Proceedings of the tenth international conference on World Wide Web**

Full text available: pdf(124.76 KB) Additional Information: full citation, references, citings, index terms

15 Software engineering #1: Towards a semantic-based approach for software reusable component classification and retrieval

Haining Yao, Letha Etzkorn

April 2004 **Proceedings of the 42nd annual Southeast regional conference**

Full text available: pdf(218.97 KB) Additional Information: full citation, abstract, references, index terms

In this paper, we propose a semantic-based approach to improve software component reuse. The whole approach extends the software reusable library to the World Wide Web; overcomes the keyword-based barrier by allowing user queries in natural language; treats a software component as a service described by semantic service representation format; enhances the retrieval by semantically matching between a user query semantic representation and software component semantic descriptions against a domain ...

Keywords: domain knowledge base, ontology, reusable library, reuse repository, semantic matchmaking, system develop

16 Special topic section on peer to peer data management: Design issues and challenges for RDF- and schema-based peer-to-peer systems

Wolfgang Nejdl, Wolf Siberski, Michael Sintek

September 2003 **ACM SIGMOD Record**, Volume 32 Issue 3

Full text available: pdf(135.94 KB) Additional Information: full citation, abstract, references

Databases have employed a schema-based approach to store and retrieve structured data for decades. For peer-to-peer (P2P) networks, similar approaches are just beginning to emerge. While quite a few database techniques can be re-used in this new context, a P2P data management infrastructure poses additional challenges which have to be solved before schema-based P2P networks become as common as schema-based databases. We will describe some of these challenges and discuss approaches to solve them. ...

17 Student tracking and personalization: Dynamic assembly of learning objects

Robert G. Farrell, Soyini D. Liburd, John C. Thomas

May 2004 **Proceedings of the 13th international World Wide Web conference on Alternate track papers & posters**

Full text available: pdf(307.02 KB) Additional Information: full citation, abstract, references, index terms

This paper describes one solution to the problem of how to select sequence, and link Web resources into a coherent, focused organization for instruction that addresses a user's immediate and focused learning need. A system is described that automatically generates individualized learning paths from a repository of XML Web resources. Each Web resource has an XML Learning Object Metadata (LOM) description consisting of General, Educational, and Classification metadata. Dynamic assembly of these le ...

Keywords: LOM, RDF, assembly, content management, data retrieval, information retrieval, instruction, learning object, linking, metadata, organization, semantic web

18 Using the semantic web: Semantic search

R. Guha, Rob McCool, Eric Miller

May 2003 **Proceedings of the twelfth international conference on World Wide Web**

Full text available: pdf(352.11 KB) Additional Information: full citation, abstract, references, citings, index terms

Activities such as Web Services and the Semantic Web are working to create a web of distributed machine understandable data. In this paper we present an application called 'Semantic Search' which is built on these supporting technologies and is designed to

improve traditional web searching. We provide an overview of TAP, the application framework upon which the Semantic Search is built. We describe two implemented Semantic Search systems which, based on the denotation of the search query, augmen ...

Keywords: search, semantic web

19 Special section on semantic web and data management: The p operator: discovering and ranking associations on the semantic web

Kemafor Anyanwu, Amit Sheth

December 2002 **ACM SIGMOD Record**, Volume 31 Issue 4

Full text available: pdf(635.07 KB) Additional Information: full citation, abstract, references, citings

In this paper, we introduce an approach that supports querying for Semantic Associations on the Semantic Web. Semantic Associations capture complex relationships between entities involving sequences of predicates, and sets of predicate sequences that interact in complex ways. Detecting such associations is at the heart of many research and analytical activities that are crucial to applications in national security and business intelligence. This in combination with the improving ability to ident ...

Keywords: RDF, complex relationship discover, graph data model, semantic associations, semantic querying, semantic relationships, semantic web

20 Scaling up the semantic web: On labeling schemes for the semantic web

Vassilis Christophides, Dimitris Plexousakis, Michel Scholl, Sotirios Tourtounis

May 2003 **Proceedings of the twelfth international conference on World Wide Web**

Full text available: pdf(294.32 KB) Additional Information: full citation, abstract, references, citings, index terms

This paper focuses on the optimization of the navigation through voluminous subsumption hierarchies of topics employed by Portal Catalogs like Netscape Open Directory (ODP). We advocate for the use of labeling schemes for modeling these hierarchies in order to efficiently answer queries such as subsumption check, descendants, ancestors or nearest common ancestor, which usually require costly transitive closure computations. We first give a qualitative comparison of three main families of schemes ...

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1 Query Language for Semantic Web: EDUTELLA: a P2P networking infrastructure based on RDF
Wolfgang Nejdl, Boris Wolf, Changtao Qu, Stefan Decker, Michael Sintek, Ambjörn Naeve, Mikael Nilsson, Matthias Palmér, Tore Risch
May 2002 **Proceedings of the eleventh international conference on World Wide Web**

Full text available: pdf(331.38 KB) Additional Information: full citation, abstract, references, citings, index terms

Metadata for the World Wide Web is important, but metadata for Peer-to-Peer (P2P) networks is absolutely crucial. In this paper we discuss the open source project Edutella which builds upon metadata standards defined for the WWW and aims to provide an RDF-based metadata infrastructure for P2P applications, building on the recently announced JXTA Framework. We describe the goals and main services this infrastructure will provide and the architecture to connect Edutella Peers based on exchange of ...

Keywords: e-Learning, peer-to-peer, query languages, semantic web

2 Semantic web foundations: A possible simplification of the semantic web architecture
Bernardo Cuenca Grau
May 2004 **Proceedings of the 13th international conference on World Wide Web**

Full text available: pdf(132.93 KB) Additional Information: full citation, abstract, references, index terms

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4 Streams, structures, spaces, scenarios, societies (5s): A formal model for digital libraries

Marcos André Gonçalves, Edward A. Fox, Layne T. Watson, Neill A. Kipp
April 2004 **ACM Transactions on Information Systems (TOIS)**, Volume 22 Issue 2

Full text available: pdf(316.85 KB) Additional Information: full citation, abstract, references, citings, index terms

Digital libraries (DLs) are complex information systems and therefore demand formal foundations lest development efforts diverge and interoperability suffers. In this article, we propose the fundamental abstractions of Streams, Structures, Spaces, Scenarios, and Societies (5S), which allow us to define digital libraries rigorously and usefully. Streams are sequences of arbitrary items used to describe both static and dynamic (e.g., video) content. Structures can be viewed as labeled directed gra ...

Keywords: applications., definitions, foundations, taxonomy

5 Contributed articles: Resource description framework: metadata and its applications

K. Selçuk Candan, Huan Liu, Reshma Suvarna
July 2001 **ACM SIGKDD Explorations Newsletter**, Volume 3 Issue 1

Full text available: pdf(1.02 MB) Additional Information: full citation, abstract, references, citings

Universality, the property of the Web that makes it the largest data and information source in the world, is also the property behind the lack of a uniform organization scheme that would allow easy access to data and information. A semantic web, wherein different applications and Web sites can exchange information and hence exploit Web data and information to their full potential, requires the information about Web resources to be represented in a detailed and structured manner. Resource Descrip ...

Keywords: Resource Description Framework (RDF), Web, XML, metadata, semantic web

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Keywords: domain knowledge base, ontology, reusable library, reuse repository, semantic

matchmaking, system develop

7 Workshop and conference summaries: Exchange format bibliography
Holger M. Kienle
January 2001 **ACM SIGSOFT Software Engineering Notes**, Volume 26 Issue 1
Full text available: pdf(616.88 KB) Additional Information: full citation, abstract, references

This paper gives a brief bibliographical overview of exchange formats and related research areas. We classify exchange formats and try to give a brief assessment of the more interesting ones.

Keywords: Exchange format, bibliography, graph format, overview

8 Special section on semantic web and data management: The p operator: discovering and ranking associations on the semantic web
Kemafor Anyanwu, Amit Sheth
December 2002 **ACM SIGMOD Record**, Volume 31 Issue 4
Full text available: pdf(635.07 KB) Additional Information: full citation, abstract, references, citings

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Keywords: RDF, complex relationship discover, graph data model, semantic associations, semantic querying, semantic relationships, semantic web

9 Mobile computing and applications (MCA): Wireless spatio-semantic transactions on multimedia datasets
James D. Carswell, Keith Gardiner, Marco Neumann
March 2004 **Proceedings of the 2004 ACM symposium on Applied computing**
Full text available: pdf(192.64 KB) Additional Information: full citation, abstract, references, index terms

Advances in spatially enabled semantic computing can provide situation aware assistance for mobile users. This intelligent and context-aware technology presents the right information at the right time, place and situation by exploiting semantically referenced data for knowledge discovery. The system takes advantage of new metadata standards to enable semantic, user, and device adapted transactions on multimedia datasets. Information accessed in the past and the activities planned by the user, th ...

Keywords: location based services, semantic queries, spatial data transactions

10 Hypermedia semantics: Finding the story: broader applicability of semantics and discourse for hypermedia generation
Lloyd Rutledge, Martin Alberink, Rogier Brussee, Stanislav Pokraev, William van Dieten, Mettina Veenstra
August 2003 **Proceedings of the fourteenth ACM conference on Hypertext and hypermedia**
Full text available: pdf(396.48 KB) Additional Information: full citation, abstract, references, index terms

Generating hypermedia presentations requires processing constituent material into coherent, unified presentations. One large challenge is creating a generic process for producing hypermedia presentations from the semantics of potentially unfamiliar domains. The resulting presentations must both respect the underlying semantics and appear as coherent, plausible and, if possible, pleasant to the user. Among the related unsolved problems is the inclusion of discourse knowledge in the generation pro ...

Keywords: RDF, SMIL, clustering, concept lattices, discourse, hypermedia, narrative, semantics

11 Posters: RDF triples in XML

Jeremy J. Carroll, Patrick Stickler

May 2004 **Proceedings of the 13th international World Wide Web conference on Alternate track papers & posters**

Full text available: pdf(25.10 KB) Additional Information: full citation, abstract, references, index terms

RDF/XML does not layer RDF on top of XML ina useful way. We use a simple direct representation of the RDF abstract syntax in XML. We add the ability to name graphs, noting that in practice this is already widely used. We use XSLT as a general syntactic extensibility mechanism to provide human friendly macros for our syntax. This provides a simple serialization solving a persistent problem in the Semantic Web.

Keywords: RDF, XML, semantic web

12 Semantic interfaces and OWL tools: Parsing owl di: trees or triples?

Sean K. Bechhofer, Jeremy J. Carroll

May 2004 **Proceedings of the 13th international conference on World Wide Web**

Full text available: pdf(156.25 KB) Additional Information: full citation, abstract, references, index terms

The Web Ontology Language (OWL) defines three classes of documents: Lite, DL, and Full. All RDF/XML documents are OWL Full documents, some OWL Full documents are also OWL DL documents, and some OWL DL documents are also OWL Lite documents. This paper discusses *parsing* and *species recognition* -- that is the process of determining whether a given document falls into the OWL Lite, DL or Full class. Wedescribe two alternative approaches to this task, one based on abstract syntax trees, ...

Keywords: owl, parsing, rdf, semantic web

13 Distributed semantic query: Remindin': semantic query routing in peer-to-peer networks based on social metaphors

Christoph Tempich, Steffen Staab, Adrian Wranik

May 2004 **Proceedings of the 13th international conference on World Wide Web**

Full text available: pdf(348.43 KB) Additional Information: full citation, abstract, references, index terms

In peer-to-peer networks, finding the appropriate answer for an information request, such as the answer to a query for RDF(S) data, depends on selecting the right peer in the network. We hereinvestigate how social metaphors can be exploited effectively andefficiently to solve this task. To this end, we define a method for query routing, REMINDIN', that lets (i) peers observewhich queries are successfully answered by other peers,(ii), memorizes this obser ...

Keywords: ontologies, peer selection, peer-to-peer, query routing

14 A fine-grained access control system for XML documents

Ernesto Damiani, Sabrina De Capitani di Vimercati, Stefano Paraboschi, Pierangela Samarati

May 2002 **ACM Transactions on Information and System Security (TISSEC)**, Volume 5 Issue 2

Full text available: pdf(330.60 KB) Additional Information: full citation, abstract, references, citings, index terms

Web-based applications greatly increase information availability and ease of access, which is optimal for public information. The distribution and sharing of information via the Web that must be accessed in a selective way, such as electronic commerce transactions, require the definition and enforcement of security controls, ensuring that information will be accessible only to authorized entities. Different approaches have been proposed that address the problem of protecting information in a Web ...

Keywords: Access control, World Wide Web, XML documents, authorizations specification and enforcement

15 Foundations of the semantic web: Model-theoretic semantics for the web

James Farrugia

May 2003 **Proceedings of the twelfth international conference on World Wide Web**

Full text available: pdf(315.95 KB) Additional Information: full citation, abstract, references, index terms

Model-theoretic semantics is a formal account of the interpretations of legitimate expressions of a language. It is increasingly being used to provide Web markup languages with well-defined semantics. But a discussion of its roles and limitations for the Semantic Web has not yet received a coherent and detailed treatment. This paper takes the first steps towards such a treatment. The major result is an introductory explication of key ideas that are usually only implicit in existing accounts of s ...

Keywords: model-theoretic semantics, semantics, web markup languages

16 Query Language for Semantic Web: RQL: a declarative query language for RDF

Gregory Karvounarakis, Sofia Alexaki, Vassilis Christophides, Dimitris Plexousakis, Michel Scholl

May 2002 **Proceedings of the eleventh international conference on World Wide Web**

Full text available: pdf(352.14 KB) Additional Information: full citation, abstract, references, citings, index terms

Real-scale Semantic Web applications, such as Knowledge Portals and E-Marketplaces, require the management of large volumes of metadata, i.e., information describing the available Web content and services. Better knowledge about their meaning, usage, accessibility or quality will considerably facilitate an automated processing of Web resources. The Resource Description Framework (RDF) enables the creation and exchange of metadata as normal Web data. Although voluminous RDF descriptions are alrea ...

17 Languages & Authoring for the Semnatic Web: Unparsing RDF/XML

Jeremy J. Carroll

May 2002 **Proceedings of the eleventh international conference on World Wide Web**

Full text available: pdf(296.07 KB) Additional Information: full citation, abstract, references, index terms

It is difficult to serialize an RDF graph as a humanly readable RDF/XML document. This paper describes the approach taken in Jena 1.2, in which a design pattern of guarded procedures invoked using top down recursive descent is used. Each procedure corresponds to a grammar rule; the guard makes the choice about the applicability of the production. This approach is seen to correspond closely to the design of an LL(k) parser, and a

theoretical justification of this correspondence is found in univer ...

Keywords: RDF, XML, generation, grammar, parsing, universal algebra, unparsing

18 Industry track: RStar: an RDF storage and query system for enterprise resource management

Li Ma, Zhong Su, Yue Pan, Li Zhang, Tao Liu

November 2004 **Proceedings of the Thirteenth ACM conference on Information and knowledge management**

Full text available: pdf(704.00 KB) Additional Information: full citation, abstract, references, index terms

Modern corporations operate in an extremely complex environment and strongly depend on all kinds of information resources across the enterprise. Unfortunately, with the growth of an enterprise, its information resources are not only heterogeneous but also distributed in physically different systems and databases. How to effectively exploit information across the enterprise is becoming a critical but hard problem. In recent years, metadata which is the detailed description of the data is used ...

Keywords: RDF query language, RDF storage, metadata, ontology, resource management

19 Industrial practice I: Jena: implementing the semantic web recommendations

Jeremy J. Carroll, Ian Dickinson, Chris Dollin, Dave Reynolds, Andy Seaborne, Kevin Wilkinson

May 2004 **Proceedings of the 13th international World Wide Web conference on Alternate track papers & posters**

Full text available: pdf(139.66 KB) Additional Information: full citation, abstract, references, index terms

The new Semantic Web recommendations for RDF, RDFS and OWL have, at their heart, the RDF graph. Jena2, a second-generation RDF toolkit, is similarly centered on the RDF graph. RDFS and OWL reasoning are seen as graph-to-graph transforms, producing graphs of virtual triples. Rich APIs are provided. The Model API includes support for other aspects of the RDF recommendations, such as containers and reification. The Ontology API includes support for RDFS and OWL, including advanced OWL Full support. ...

Keywords: Jena, OWL, RDF, RDQL, semantic web

20 Fast detection of communication patterns in distributed executions

Thomas Kunz, Michiel F. H. Seuren

November 1997 **Proceedings of the 1997 conference of the Centre for Advanced Studies on Collaborative research**

Full text available: pdf(4.21 MB) Additional Information: full citation, abstract, references, index terms

Understanding distributed applications is a tedious and difficult task. Visualizations based on process-time diagrams are often used to obtain a better understanding of the execution of the application. The visualization tool we use is Poet, an event tracer developed at the University of Waterloo. However, these diagrams are often very complex and do not provide the user with the desired overview of the application. In our experience, such tools display repeated occurrences of non-trivial commun ...

Terms used **RDF triples** and **ancestror$1** and **descendent$1** Found **82** of **150,138**

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2 Distributed semantic query: RDFPeers: a scalable distributed RDF repository based on a structured peer-to-peer network
Min Cai, Martin Frank
May 2004 **Proceedings of the 13th international conference on World Wide Web**
Full text available: pdf(262.85 KB) Additional Information: full citation, abstract, references, index terms

Centralized Resource Description Framework (RDF) repositories have limitations both in their failure tolerance and in their scalability. Existing Peer-to-Peer (P2P) RDF repositories either cannot guarantee to find query results, even if these results exist in the network, or require up-front definition of RDF schemas and designation of super peers. We present a scalable distributed RDF repository (RDFPeers) that stores each triple at three places in a multi-attribute addressable network by apply ...

Keywords: distributed RDF repositories, peer-to-peer, semantic web

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September 2003 **ACM SIGMOD Record**, Volume 32 Issue 3

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11 Automatic metadata creation: Automated semantic annotation and retrieval based on sharable ontology and case-based learning techniques

Von-Wun Soo, Chen-Yu Lee, Chung-Cheng Li, Shu Lei Chen, Ching-chih Chen

May 2003 **Proceedings of the 3rd ACM/IEEE-CS joint conference on Digital libraries**

Full text available: pdf(910.69 KB) Additional Information: full citation, abstract, references, citings, index terms

Effective information retrieval (IR) using domain knowledge and semantics is one of the major challenges in IR. In this paper we propose a framework that can facilitate image retrieval based on a sharable domain ontology and thesaurus. In particular, case-based learning (CBL) using a natural language phrase parser is proposed to convert a natural language query into resource description framework (RDF) format, a semantic-web standard of metadata description that supports machine readable semanti ...

12 Foundations of the semantic web: Three theses of representation in the semantic web

Ian Horrocks, Peter F. Patel-Schneider

May 2003 **Proceedings of the twelfth international conference on World Wide Web**

Full text available: pdf(223.29 KB) Additional Information: full citation, abstract, references, citings, index terms

The Semantic Web is vitally dependent on a formal meaning for the constructs of its languages. For Semantic Web languages to work well together their formal meanings must employ a common view (or thesis) of representation, otherwise it will not be possible to reconcile documents written in different languages. The thesis of representation underlying RDF and RDFS is particularly troublesome in this regard, as it has several unusual aspects, both semantic and syntactic. A more-standard thesis of r ...

Keywords: model-theoretic semantics, representation, semantic web

13 XML constraints and the semantic web: Information retrieval on the semantic web

Urvi Shah, Tim Finin, Anupam Joshi

November 2002 **Proceedings of the eleventh international conference on Information and knowledge management**

Full text available: pdf(192.40 KB) Additional Information: full citation, abstract, references, citings

We describe an approach to retrieval of documents that contain of both free text and semantically enriched markup. In particular, we present the design and implementation prototype of a framework in which both documents and queries can be marked up with statements in the DAML+OIL semantic web language. These statements provide both structured and semi-structured information about the documents and their content. We claim that indexing text and semantic markup together will significantly improve ...

Keywords: hybrid information retrieval, query-answering systems, semantic web, text extraction

14 Student tracking and personalization: Personalization in distributed e-learning environments

Peter Dolog, Nicola Henze, Wolfgang Nejdl, Michael Sintek

May 2004 **Proceedings of the 13th international World Wide Web conference on Alternate track papers & posters**

Full text available: pdf(328.49 KB) Additional Information: full citation, abstract, references, index terms

Personalized support for learners becomes even more important, when e-Learning takes place in open and dynamic learning and information networks. This paper shows how to realize personalized learning support in distributed learning environments based on Semantic Web technologies. Our approach fills the existing gap between current adaptive educational systems with well-established personalization functionality, and open, dynamic learning repository networks. We propose a service-based architectu ...

Keywords: P2P, adaptation, learning repositories, ontologies, personalization, standards, web services

15 Annotea: an open RDF infrastructure for shared Web annotations
José Kahan, Marja-Ritta Koivunen
April 2001 **Proceedings of the tenth international conference on World Wide Web**

Full text available: pdf(271.46 KB) Additional Information: full citation, references, citings, index terms

Keywords: RDF, World-Wide Web, XML, XPointer, annotations, metadata, semantic web

16 Session 9A: applications in commerce: A multi-agent platform for a corporate semantic web
Fabien Gandon, Laurent Berthelot, Rose Dieng-Kuntz
July 2002 **Proceedings of the first international joint conference on Autonomous agents and multiagent systems: part 3**

Full text available: pdf(376.01 KB) Additional Information: full citation, abstract, references, citings, index terms

We describe the technical choices and the design of a multi-agents software architecture to manage a corporate memory in the form of a corporate semantic web. We then present our approach to tackle a distributed memory and distributed queries.

Keywords: MAS architecture, distributed knowledge management, ontology, semantic web

17 Using the semantic web: Semantic search
R. Guha, Rob McCool, Eric Miller
May 2003 **Proceedings of the twelfth international conference on World Wide Web**

Full text available: pdf(352.11 KB) Additional Information: full citation, abstract, references, citings, index terms

Activities such as Web Services and the Semantic Web are working to create a web of distributed machine understandable data. In this paper we present an application called 'Semantic Search' which is built on these supporting technologies and is designed to improve traditional web searching. We provide an overview of TAP, the application framework upon which the Semantic Search is built. We describe two implemented Semantic Search systems which, based on the denotation of the search query, augmen ...

Keywords: search, semantic web

18 The design and implementation of the redland RDF application framework
David Beckett
April 2001 **Proceedings of the tenth international conference on World Wide Web**

Full text available: pdf(171.61 KB) Additional Information: full citation, references, citings, index terms

Keywords: RDF, application framework, metadata

19 Enabling knowledge representation on the Web by extending RDF schema
Jeen Broekstra, Michel Klein, Stefan Decker, Dieter Fensel, Frank van Harmelen, Ian Horrocks
April 2001 **Proceedings of the tenth international conference on World Wide Web**

Full text available: pdf(124.76 KB) Additional Information: full citation, references, citings, index terms

20 Languages & Authoring for the Semnatic Web: The Yin/Yang web: XML syntax and RDF semantics
Peter Patel-Schneider, Jérôme Siméon
May 2002 **Proceedings of the eleventh international conference on World Wide Web**

Full text available: pdf(162.67 KB) Additional Information: full citation, abstract, references, citings, index terms

XML is the W3C standard document format for *writing* and *exchanging* information on the Web. RDF is the W3C standard model for *describing the semantics* and *reasoning about* information on the Web. Unfortunately, RDF and XML---although very close to each other---are based on two different paradigms. We argue that in order to lead the Semantic Web to its full potential, the syntax and the semantics of information needs to work together. To this end, we develop a model-theo ...

Keywords: RDF, XML, data models, model theory, semantic web

Results 1 - 20 of 82 Result page: **1** 2 3 4 5 next

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rdf triples Search

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Results Key:
JNL = Journal or Magazine **CNF** = Conference **STD** = Standard

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1 **Ontology acquisition and semantic retrieval from semantic annotate Chinese poetry**
Von-Wun Soo; Shih-Yao Yang; Shu-Lei Chen; Yi-Ting Fu;
Digital Libraries, 2004. Proceedings of the 2004 Joint ACM/IEEE Conference o 11 June 2004
Pages:345 - 346

[Abstract] [PDF Full-Text (226 KB)] **IEEE CNF**

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2 **Completing LOM-how additional axioms increase the utility of learni object metadata**
Brase, J.; Painter, M.; Nejdl, W.;
Advanced Learning Technologies, 2003. Proceedings. The 3rd IEEE Internatio Conference on , 9-11 July 2003
Pages:493

[Abstract] [PDF Full-Text (179 KB)] **IEEE CNF**

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1 **Storing RDF as a graph**
Bonstrom, V.; Hinze, A.; Schweppe, H.;
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[Abstract] [PDF Full-Text (290 KB)] **IEEE CNF**

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2 **RAL: an algebra for querying RDF**
Frasincar, F.; Houben, G.-J.; Vdovjak, R.; Barna, P.;
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[Abstract] [PDF Full-Text (339 KB)] **IEEE CNF**

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3 **The Semantic Web: the roles of XML and RDF**
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Internet Computing, IEEE , Volume: 4 , Issue: 5 , Sept.-Oct. 2000
Pages:63 - 73

[Abstract] [PDF Full-Text (144 KB)] **IEEE JNL**

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4 **Visualisation of RDF(S)-based information**
Telea, A.; Frasincar, F.; Houben, G.-J.;
Information Visualization, 2003. IV 2003. Proceedings. Seventh International Conference on , 16-18 July 2003
Pages:294 - 299

[Abstract] [PDF Full-Text (2103 KB)] **IEEE CNF**

5 **Interpreting XML documents via an RDF schema ontology**
Klein, M.;
Database and Expert Systems Applications, 2002. Proceedings. 13th Internati
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[Abstract] [PDF Full-Text (247 KB)] **IEEE CNF**

6 **The Yin/Yang Web: a unified model for XML syntax and RDF semant**
Patel-Schneider, P.F.; Simeon, A.;
Knowledge and Data Engineering, IEEE Transactions on , Volume: 15 , Issue:
4 , July-Aug. 2003
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[Abstract] [PDF Full-Text (1816 KB)] **IEEE JNL**

7 **SECO: mediation services for semantic Web data**
Harth, A.;
Intelligent Systems, IEEE [see also IEEE Expert] , Volume: 19 , Issue: 3 , Ma
June 2004
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8 **XML, RDF, and relatives**
Klein, M.;
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9 **An ontology-based framework for XML semantic integration**
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Database Engineering and Applications Symposium, 2004. IDEAS '04. Proceec
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Pages:217 - 226

[Abstract] [PDF Full-Text (305 KB)] **IEEE CNF**

10 **Enabling agent architecture through an RDF query and inference er**
Motik, B.; Glavinic, V.;
Electrotechnical Conference, 2000. MELECON 2000. 10th Mediterranean , Volu
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[Abstract] [PDF Full-Text (320 KB)] **IEEE CNF**

11 **Framework for the semantic Web: an RDF tutorial**
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Internet Computing, IEEE , Volume: 4 , Issue: 6 , Nov.-Dec. 2000
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[Abstract] [PDF Full-Text (140 KB)] IEEE JNL

12 **A path-based RDF query language for CC/PP and UAProf**
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13 **The semantic Web for learning resources**
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Advanced Learning Technologies, 2003. Proceedings. The 3rd IEEE Internatior
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[Abstract] [PDF Full-Text (188 KB)] IEEE CNF

14 **Searching SCORM metadata in a RDF-based e-learning P2P networl using XQuery and Query by example**
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Advanced Learning Technologies, 2003. Proceedings. The 3rd IEEE Internatior
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15 **An Introduction to RDF Technologies: Too Little, Too Soon**
Gordon, M.;
Distributed Systems Online, IEEE , Volume: 5 , Issue: 8 , Aug. 2004
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[Abstract] [PDF Full-Text (66 KB)] IEEE JNL

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rdf <and>ancestors<and>descendents Search

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Results Key:
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Results:
No documents matched your query.

Your search matched **0** of **140** documents.
A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

Refine This Search:
You may refine your search by editing the current search expression or enteri new one in the text box.

((rdf) and (pyr >= 1950 and pyr <= 2005)<and>rdf and Search

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Results:
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Resource Description Framework (**RDF**): Concepts and Abstract Syntax
Resource Description Framework (**RDF**): Concepts and Abstract Syntax. W3C Recommendation 10 February 2(normative corrections. ... illustrated by a node **and directed**-arc diagram, in which each ... to all the **triples** it cor
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RDF Primer
RDF Primer. W3C Recommendation 10 February 2004. Please refer to the errata for this document, which may subject node to ... in **RDF** statements. In drawing **RDF graphs**, nodes that are URIrefs ... shorthand way of writi
www.w3.org/TR/rdf-primer - 411k - Cached - More from this site

directed graphs?
directed graphs? Date: 2003-03-26 01:34:19. From: anonymous2. >**RDF** is for people who understand **directe** understands a graphical representation of that syntax? ... he talks about hitting the **RDF triples** I was thinking at
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Bipartite **Graphs** as Intermediate Model for **RDF** (PDF)
... the property value). A set of **RDF triples** is called an. **RDF** Graph, a term formally ... to in [1], **directed** labelec
www.dcc.uchile.cl/~cgutierr/ftp/bipartite.pdf - 220k - View as html - More from this site

RDF Model Theory Proposal (postF2F) DRAFT
RDF Model Theory Proposal (postF2F) DRAFT. Draft 8/15/01. Pat Hayes, IHMC. 0. N-triples **and RDF graphs**. which a single anonymous node occurs in **triples** originating from several different **graphs**. (...
lists.w3.org/Archives/.../att-0051/01-RDF_Model_Theory_postF2F.html - 165k - Cached - More from this site

Description of **RDF Graphs**
... 4.3 **RDF Graphs** of OWL Lite Ontologies ... A **directed** cycle of blank nodes is a sequence of **triples** t0, t1, ...
lists.w3.org/Archives/Public/www-webont-wg/2003Jan/att-0356/01-jjc - 33k - Cached - More from this site

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... he's always a good read. **RDF** is for people who understand **directed graphs**. If you take any random ... he t
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RDF APIs - Model Patterns
RDF APIs - Model Patterns. Two common ones: Sets of statements (**'triples'**) **Directed graphs** of nodes (for res
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... **RDF** - an XML language to represent **graphs** beyond hierarchies ... **RDF** is a language for representing **direc**
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RDF Primer
RDF Primer. Em's Editor's Working Draft 23 Oct 2002 - todo: Sync with Frank. The Resource Description Frame World Wide Web. ... **RDF graphs** are technically "labeled **directed graphs**", since the arcs have labels, and are
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headmap: FUTURE INTERFACES Archives
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Richard Newman " holygoat.co.uk " bibliography
... to plan, model, resolve **conflicts, and** change agent system ... of **RDF**, including use of **RDF triples**, in progr
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Richard Newman " holygoat.co.uk " BibTeX
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